



MAR 5 2003

# Certificate

MAR 05 2003

## of Correction

K Cofe 8  
PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/228,845 Pat. No. 6,325,424B1
Filing Date	01/12/1999 Issued 12/04/2001
First Named Inventor	Paul Metcalfe et al
Group Art Unit	3627
Examiner Name	E. Nicholson
Attorney Docket Number	427600800004

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> <i>identify below:</i>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	<b>CERTIFICATE OF CORRECTION (35 USC § 254 &amp; 255, 37 CFR 1.322 &amp; 1.323)</b>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<b>APPROVED</b>

MAY 16 2003

g.f.  
FOR THE DIRECTOR OF USPTO

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	H. Duane Switzer
Signature	<i>H. Duane Switzer</i>
Date	Feb. 19, 2003

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 02/19/2003

Typed or printed name	H. Duane Switzer		
Signature	<i>H. Duane Switzer</i>	Date	Feb 19, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 100.00)

## Complete if Known

Application Number	09/228,845 PAT. NO. 6,325,424 B1
Filing Date	01/12/1999 Issued 12/04/2001
First Named Inventor	Paul Metcalfe et al
Examiner Name	E. Nicholson
Art Unit	3627
Attorney Docket No.	427600800004

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number	501432
Deposit Account Name	Jones Day

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
 

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 740	2001 370			Utility filing fee	
1002 330	2002 165			Design filing fee	
1003 510	2003 255			Plant filing fee	
1004 740	2004 370			Reissue filing fee	
1005 160	2005 80			Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>					

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X =	=
			- 3** =	X =	=

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>		

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 400	2252 200	Extension for reply within second month	
1253 920	2253 460	Extension for reply within third month	
1254 1,440	2254 720	Extension for reply within fourth month	
1255 1,960	2255 980	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,280	2453 640	Petition to revive - unintentional	
1501 1,280	2501 640	Utility issue fee (or reissue)	
1502 460	2502 230	Design issue fee	
1503 620	2503 310	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 740	2809 370	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 740	2810 370	For each additional invention to be examined (37 CFR 1.129(b))	
1801 740	2801 370	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)		Certificate of Correction (35 USC § 254 & 255, 37 CFR 1.322 & 1.323)	100
<b>SUBTOTAL (3) (\$)</b>			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 100.00)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	H. Duane Switzer	Registration No. (Attorney/Agent)	22,431	Telephone	216-586-7283
Signature	H. Duane Switzer				
Date	Feb. 19, 2003				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): : Paul Metcalfe, Craig A. Homberg and  
Walter G. Lockard

Serial No. : 09/228,845

Filed : January 12, 1999

For : COUPLING ASSEMBLY HAVING ENHANCED  
AXIAL TENSION STRENGTH

Patent No. : 6,325,424 B1

Issued : December 4, 2001

Attorney Docket No. : 427600800004

Commissioner for Patents  
Washington, D. C. 20231

I hereby certify that this correspondence  
is being deposited today with the United  
States Postal Service as first class mail in  
an envelope addressed to: Assistant  
Commissioner for Patents Washington,  
D.C. 20231

On Feb. 19, 2003  
By: H. Duane Sutty

**Attention: Certificate of Correction Branch  
of the Patent Issue Division**

**CERTIFICATE OF CORRECTION  
(35 USC § 254 and 255, 37 CFR 1.322 and 1.323)**

Sir:

Correction of this patent is requested as indicated on the enclosed Certificate of  
Correction.

Copies are enclosed of the corrected pages of the patent showing the changes in  
red.

Claims 3 and 5 are exact duplicates, and there is no antecedent basis in parent  
claim 1 for the recited sealing ring. These errors are corrected in claim 3 by changing the  
dependency from claim 1 to claim 2. These errors are corrected in claim 5 by providing an

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antecedent basis for the recited sealing ring. See the corrections to column 8 on the attached Certificate of Correction.

Claim 7 depends from claim 5 and recites "said locking strap" which has no antecedent basis in parent claim 5. This is corrected by changing the dependency of claim 7 from claim 5 to claim 6. See the correction to column 9, line 8, on the enclosed Certificate of Correction.

Claim 9 depends from claim 7 and purports to add the recitation of a sealing ring that already is recited in lines 55-60 of column 8 in parent claim 6 from which claim 7 depends. In addition, independent claim 8 separates dependent claim 9 from its parent claim 7. These errors are corrected by changing the dependency of claim 9 from claim 7 to claim 8. See the correction to column 10 on the attached Certificate of Correction.

Claim 14 depends from claim 7 and purports to add the recitation of a sealing ring that already is recited in parent claim 6 at lines 55-60 of column 8. Also, independent claims 8, 10 and 12 separate claim 14 from claim 7. These errors are corrected by changing the dependency of claim 14 from claim 7 to claim 13.

The other errors that are corrected on the attached Certificate of Correction are printing or typographical errors.

A check for \$100.00 is enclosed to cover the correction fee under 37 CFR 1.20(a). Please charge additional fees or credit overpayment to deposit Account No. 501432. A duplicate

copy of this sheet is attached.

Respectfully submitted,



H. Duane Switzer

Reg. No. 22,431

JONES DAY

North Point

901 Lakeside Avenue

Cleveland, OH 44114-1190

216-586-7283

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,325,424 *B1*

DATED : December 4, 2001

INVENTOR(S) : Metcalfe et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7, line 21, change "chamberedend" to -- chamfered end --. *C*

Column 8, line 3, change "1" to -- 2 --. *C*

Column 8, line 7, change "1" to -- 2 --. *C*

Column 9, line 8, change "5" to -- 6 --. *C*

Column 9, line 54, change "scaling" to -- sealing --. *C*

Column 10, line 10, change "7" to -- 8 --. *O*

Column 11, line 9, change "scaling" to -- sealing --. *C*

Column 12, line 19, change "position" to -- portion --. *C*

*Note*  
Column 12, line *37*, before the first instance of "second" insert *C*  
-- said --. *C*

Column 12, line *38*, change "Outer" to -- outer --. *C*

Column 12, line *52*, change "position" to -- portion --. *C*

Column 12, line *56*, change "scaling" to -- sealing --. *C*

Column 12, line *60*, change "scaling" to -- sealing --. *C*

*Note*  
Column 14, line 1, change "7" to -- 8 --. *O* *V*

MAILING ADDRESS OF SENDER:

H. Duane Switzer  
Jones, Day, Reavis & Pogue  
North Point  
901 Lakeside Avenue  
Cleveland, Ohio 44114

PATENT NO. 6,325,424

No. of additional copies



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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,325,424 B1  
DATED : December 4, 2001  
INVENTOR(S) : Metcalfe et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7,

Line 21, change "chamberedend" to -- chamfered end --.

Column 8,

Lines 3 and 7, change "1" to -- 2 --.

Column 9,

Line 8, change "5" to -- 6 --.

Line 54, change "scaling" to -- sealing --.

Column 10,

Line 10, change "7" to -- 8 --.

Column 11,

Line 9, change "scaling" to -- sealing --.

Column 12,

Line 19, change "position" to -- portion --.

Line 37, before the first instance of "second" insert -- said --.

Line 38, change "Outer" to -- outer --.

Line 52, change "position" to -- portion --.

Lines 56 and 60, change "scaling" to -- sealing --.

Column 14,

Line 1, change "7" to -- 8 --.

Signed and Sealed this

Sixteenth Day of July, 2002

Attest:



Attesting Officer

JAMES E. ROGAN  
Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,325,424 B1  
DATED : December 4, 2001  
INVENTOR(S) : Metcalfe et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7,

Line 22, change "chamferedend" to -- chamfered end --.

Column 8,

Line 3, change "1" to -- 2 --.

Lines 5 and 12, before "groove" insert -- ring --.

Line 10, change "wherein said" to -- including a --; same line, change "has" to -- having --.

Column 9,

Line 8, change "5" to -- 6 --.

Line 56, change "scaling" to -- sealing --.

Column 10,

Line 10, change "7" to -- 8 --.

Column 11,

Line 9, change "scaling" to -- sealing --.

Column 12,

Lines 20 and 52, change "position" to -- portion --.

Line 37, before the first instance of "second" insert -- said --.

Line 38, change "Outer" to -- outer --.

Lines 56 and 59, change "scaling" to -- sealing --.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,325,424 B1  
DATED : December 4, 2001  
INVENTOR(S) : Metcalfe et al.

Page 2 of 2

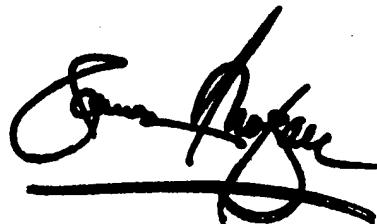
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 14,  
Line 1, change "7" to -- 13 --.

This certificate supersedes Certificate of Correction issued July 16, 2002.

Signed and Sealed this

Third Day of June, 2003



JAMES E. ROGAN  
*Director of the United States Patent and Trademark Office*